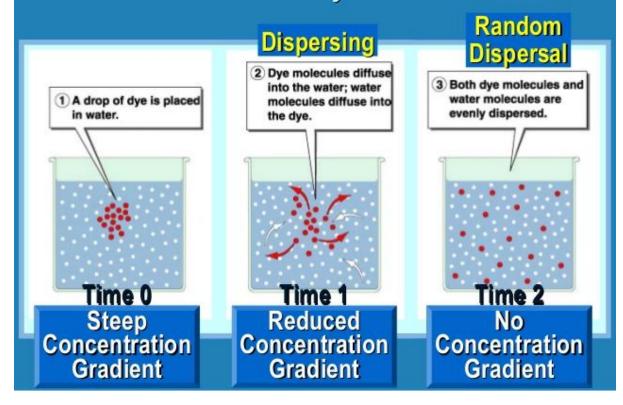
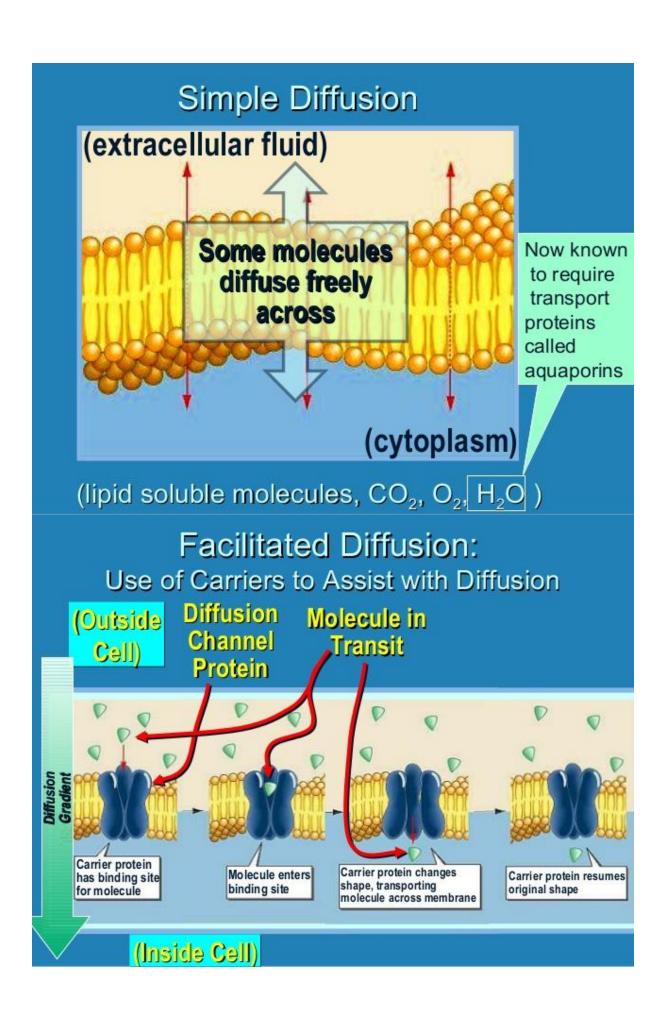
Transport Processes

- Movement of substances across the cell membrane
- Passive transport
 - Substances move from [high]→[low]
 - No energy input required
 - Simple Diffusion, Facilitated Diffusion, Osmosis
- Active transport
 - Substances move from [low]→[high]
 - Requires energy input
 - Protein carriers, Endocytosis, Exocytosis

Diffusion of Dye in Water





Osmosis

- Diffusion of water across a differentially permeable membrane
- Water moves from [high] → [low]

